

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------------------------|------------------|---------|------------------|
| L1 | 1 | "20050252528".pn. | US-PGPUB | OR | ON | 2008/12/18 14:04 |
| L2 | 1 | 1 and junction | US-PGPUB | OR | ON | 2008/12/18 14:04 |
| L3 | 1 | 1 and high same pressur\$3 | US-PGPUB | OR | ON | 2008/12/18 14:34 |
| L4 | 8 | ("20020046833" "3645452" "3920537" "4799554" "4828651" "5036871" "5286154" "6513462").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 14:44 |
| L5 | 5 | 4 and pump\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 14:44 |
| L6 | 2 | 4 and (pump\$3 and hos\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 14:46 |
| L7 | 4 | 4 and hos\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 14:46 |
| L8 | 0 | 4 and (mechanical same pump\$3 same hos\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 14:48 |
| L9 | 1 | 1 and (pump\$3 and hos\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 14:49 |
| L10 | 2 | ("4799554" "4828651").PN. and (reel\$1 drum\$1 winder\$1 "5" "27") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 15:09 |
| L11 | 1 | 1 and retain\$3 | US-PGPUB | OR | ON | 2008/12/18 15:12 |
| L12 | 1577 | (tube\$1 tubing hose\$1 hosing) same (reel\$1 drum\$1 winder\$1) same retain\$3 | US-PGPUB; USPAT | OR | ON | 2008/12/18 15:15 |
| L13 | 131 | 12 and (tube\$1 tubing hose \$1 hosing) near5 (reel\$1 drum\$1 winder\$1) near5 retain\$3 | US-PGPUB; USPAT | OR | ON | 2008/12/18 15:16 |
| L14 | 15 | 12 and (tube\$1 tubing hose \$1 hosing) near5 (reel\$1 drum\$1 winder\$1) near5 retain\$3 | US-PGPUB | OR | ON | 2008/12/18 15:16 |
| L15 | 116 | 12 and (tube\$1 tubing hose \$1 hosing) near5 (reel\$1 drum\$1 winder\$1) near5 retain\$3 | USPAT | OR | ON | 2008/12/18 15:16 |
| L16 | 92 | 15 and (reel\$1 drum\$1 winder \$1) near5 (tube\$1 tubing hose\$1 hosing) near3 retain \$3 | USPAT | OR | ON | 2008/12/18 15:17 |

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|-----|----|--|---|----|----|---------------------|
| L17 | 16 | 16 and (reel\$1 drum\$1 winder\$1) near5 (tube\$1 tubing hose\$1 hosing) adj retain\$3 | USPAT | OR | ON | 2008/12/18 15:17 |
| L19 | 2 | "20020046833" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 15:40 |
| L20 | 5 | "2397509".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 15:42 |
| L21 | 8 | "2397509" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 15:48 |
| L22 | 0 | "CA2397509" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 15:48 |
| L23 | 1 | "CA 2397509" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 15:48 |
| L24 | 1 | 23 and grip\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 15:49 |
| L25 | 0 | "09232443".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 15:51 |
| L26 | 1 | "6347664".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 15:53 |
| L27 | 15 | insert\$3 same grip\$4 same traction same belt\$1 | US-PGPUB; USPAT | OR | ON | 2008/12/18 15:58 |
| L28 | 1 | "4740658".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 16:26 |
| L29 | 1 | 28 and belt\$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 16:26 |
| L30 | 2 | "3285485".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 16:27 |
| L31 | 0 | 30 and belt\$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 16:31 |
| L32 | 0 | 19 and drive same mechanism | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 16:46 |
| L33 | 1 | 1 and drive same mechanism | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 16:47 |

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|-----|-------|---|----------------------------|----|----|---------------------|
| S1 | 4 | ("RICHARDS, DAN" "WHITLOCK, DAVID" "FITZMAURICE, BRIAN" "BRONSON, MIKE").in. and (conduit or tub\$3 or hos\$3) and (in through) and flex\$4 and (rigid inflex\$4 solid) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/08 09:55 |
| S2 | 19 | ("RICHARDS, DAN" "WHITLOCK, DAVID" "FITZMAURICE, BRIAN" "BRONSON, MIKE").in. and (conduit or tub\$3 or hos\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/08 09:56 |
| S3 | 3 | ceda.as. and (conduit or tub \$3 or hos\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/08 09:57 |
| S4 | 9 | ceda.as. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/08 09:57 |
| S5 | 5 | ("3920537" "4826651" "5036871" "5286154" "20020046833").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/08 10:09 |
| S6 | 13 | ("1295897" "2074204").pn. | FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/08 10:13 |
| S7 | 2 | ("3645452" "6513462").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/08 10:19 |
| S8 | 33890 | (conduit\$ or tub\$3 or hos \$3) and flex\$4 and (rigid inflex\$4 solid) and ((clean\$3 or sanitiz\$3 or disinfect\$3) and (vessel\$2 tank\$2 coker \$2)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/08 10:37 |
| S9 | 1144 | S8 and "134".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/08 10:39 |
| S10 | 158 | S9 and 134/166R,167R,198. ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/08 10:39 |
| S11 | 72 | S9 and (conduit\$ tub\$3 hos \$3) with flex\$4 with (rigid inflex\$4 solid) and ((clean\$3 or sanitiz\$3 or disinfect\$3) with (vessel\$2 tank\$2 coker \$2)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/08 10:40 |
| S12 | 3 | S10 and (conduit\$ tub\$3 hos \$3) with flex\$4 with (rigid inflex\$4 solid) with ((clean\$3 or sanitiz\$3 or disinfect\$3) with (vessel\$2 tank\$2 coker \$2)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/08 10:40 |
| S13 | 0 | ("2005/0183745").URPN. | USPAT | OR | ON | 2008/05/08 10:41 |
| S14 | 1 | "1838643".PN. | USPAT | OR | ON | 2008/05/08 10:43 |
| S15 | 2 | "1838643".PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/08 10:45 |

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| S16 | 4 | peterson.in. and (tank\$2 with clean\$4 with hose\$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/08 10:46 |
| S17 | 92 | ((conduit\$2 or tub\$3 or hos\$3) and flex\$4 and (rigid inflex\$4 solid) and ((clean\$3 or sanitiz\$3 or disinfect\$3) and (vessel\$2 tank\$2 coker \$2)) | FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/08 10:48 |
| S18 | 28 | S17 and (conduit\$2 or tub\$3 or hos\$3) with flex\$4 and (rigid inflex\$4 solid) and ((clean\$3 or sanitiz\$3 or disinfect\$3) with (vessel\$2 tank\$2 coker\$2)) | FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/08 10:49 |
| S19 | 2 | ("2002046833" "4828651" "3920537").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/09 17:26 |
| S20 | 3 | ("20020046833" "4828651" "3920537").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/09 17:26 |
| S21 | 5 | ("3920537" "4828651" "5036871" "5286154" "20020046833").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/09 17:28 |
| S22 | 13 | ("1295897" "2074204").pn. | FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/09 17:28 |
| S23 | 2 | ("3645452" "6513462").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/09 17:28 |
| S24 | 33890 | (conduit\$ or tub\$3 or hos\$3) and flex\$4 and (rigid inflex\$4 solid) and ((clean\$3 or sanitiz\$3 or disinfect\$3) and (vessel\$2 tank\$2 coker \$2)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/09 17:28 |
| S25 | 1144 | S24 and "134".das. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/09 17:28 |
| S26 | 72 | S25 and (conduit\$ tub\$3 hos\$3) with flex\$4 with (rigid inflex\$4 solid) and ((clean\$3 or sanitiz\$3 or disinfect\$3) with (vessel\$2 tank\$2 coker \$2)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/09 17:28 |
| S27 | 2 | "1838643".PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/09 17:28 |
| S28 | 4 | peterson.in. and (tank\$2 with clean\$4 with hose\$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/09 17:28 |
| S29 | 92 | ((conduit\$2 or tub\$3 or hos\$3) and flex\$4 and (rigid inflex\$4 solid) and ((clean\$3 or sanitiz\$3 or disinfect\$3) and (vessel\$2 tank\$2 coker \$2)) | FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/09 17:28 |

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| S31 | 190 | (S20 S21 S22 S23 S26 S27 S28 S29) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/09 17:30 |
| S33 | 64 | S31 and (seal\$3 barrier\$2 plug\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/09 17:33 |
| S34 | 27 | S33 and ((seal\$3 barrier\$2 plug\$2) with (conduit\$s or tub \$3 or hos\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/09 17:34 |
| S35 | 29 | S33 and ((valve\$2 lid\$2 membran\$3) with (conduit\$s or tub\$3 or hos\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/09 18:19 |
| S38 | 1 | "20050252528".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 15:02 |
| S39 | 1 | S38 and shroud\$3 | US-PGPUB | OR | ON | 2008/05/10 15:02 |
| S40 | 1 | "20050252528".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 16:31 |
| S41 | 1 | S40 and rigid\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 16:31 |
| S42 | 1 | "20050252528".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 17:58 |
| S43 | 1 | S42 and seal\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 17:58 |
| S44 | 1 | S42 and pressure\$2 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 18:00 |
| S45 | 1 | S42 and nozzle | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 18:15 |
| S46 | 1 | S42 and snout | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 18:21 |
| S47 | 1 | S42 and (long with snout) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 18:31 |
| S48 | 1 | S42 and (coil\$2 with tub\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 18:46 |
| S49 | 1 | S42 and (coil\$2 with tub\$3 with reel\$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:03 |
| S50 | 1 | S42 and (device with pump with hose) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:08 |
| S51 | 1 | S42 and (device with pump with hose with junction) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:08 |
| S52 | 3 | ("20020046833" "4828651" "3920537").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:16 |

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| S53 | 5 | ("3920537" "4828651" "5036871" "5286154" "20020046833").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:16 |
| S54 | 13 | ("1295897" "2074204").pn. | FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 19:16 |
| S55 | 2 | ("3645452" "6513462").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:16 |
| S56 | 33890 | (conduit\$ or tub\$3 or hos\$3) and flex\$4 and (rigid inflex\$4 solid) and ((clean\$3 or sanitiz\$3 or disinfect\$3) and (vessel\$2 tank\$2 coker \$2)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:16 |
| S57 | 1144 | S56 and "134".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:16 |
| S58 | 72 | S57 and (conduit\$ tub\$3 hos\$3) with flex\$4 with (rigid inflex\$4 solid) and ((clean\$3 or sanitiz\$3 or disinfect\$3) with (vessel\$2 tank\$2 coker \$2)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:16 |
| S59 | 2 | "1838643".PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:16 |
| S60 | 4 | peterson.in. and (tank\$2 with clean\$4 with hose\$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:16 |
| S61 | 92 | (conduit\$2 or tub\$3 or hos\$3) and flex\$4 and (rigid inflex\$4 solid) and ((clean\$3 or sanitiz\$3 or disinfect\$3) and (vessel\$2 tank\$2 coker \$2)) | FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 19:16 |
| S62 | 190 | (S52 S53 S54 S55 S58 S59 S60 S61) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 19:16 |
| S63 | 3 | S62 and (mechanical adj pump\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 19:16 |
| S64 | 1 | S42 and (liquid with junction) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:24 |
| S65 | 1 | S42 and (pressure with swivel) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:38 |
| S66 | 1 | S42 and (high with pressure) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:40 |
| S67 | 1 | S42 and (pump with hose) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 19:53 |
| S68 | 1 | S42 and (retaining member) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/10 20:13 |

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|-----|-------|--|---|----|----|---------------------|
| S69 | 28 | S62 and (spool\$ reel\$3 wind\$3 drum\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 20:23 |
| S70 | 28 | S62 and (spool\$2 reel\$3 wind\$3 drum\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 20:23 |
| S71 | 4 | S70 and ((spool\$2 reel\$3 wind\$3 drum\$2) with (retain\$3 keep\$3 hold\$3) with (hos\$3 tub\$3 conduit\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 20:24 |
| S72 | 12203 | ((spool\$2 reel\$3 wind\$3 drum\$2) with (retain\$3 keep\$3 hold\$3) with (hos\$3 tub\$3 conduit\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 20:26 |
| S73 | 1 | S72 and safety with pin with eye\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 20:27 |
| S74 | 1 | S72 and (safety with pin\$2 with eye\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 20:27 |
| S75 | 959 | S72 and ((spool\$2 reel\$3) with retain\$3 with (hos\$3 tub\$3 conduit\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 20:28 |
| S76 | 231 | S75 and (spool\$2 reel\$3) with retain\$3 with hose\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 20:28 |
| S77 | 9 | S76 and "134".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 20:29 |
| S78 | 319 | S72 and (insertion with device) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 20:41 |

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|-----|---|---|---|----|----|---------------------|
| S79 | 1 | S42 and (insertion with device) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 20:41 |
| S80 | 1 | S42 and (traction with belts) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 21:30 |
| S81 | 1 | S42 and (drive with mechanism) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/05/10 21:35 |
| S82 | 1 | "20050252528".pn. | US-PGPUB | OR | ON | 2008/12/17 13:29 |
| S83 | 1 | S82 and coil\$2 same tub\$3 | US-PGPUB | OR | ON | 2008/12/17 13:30 |
| S84 | 1 | "4828651".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/17 14:28 |
| S85 | 1 | S84 and (mass\$2 "12") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/17 14:29 |
| S86 | 1 | "20050252528".pn. | US-PGPUB | OR | ON | 2008/12/17 15:46 |
| S87 | 1 | S86 and shroud\$3 | US-PGPUB | OR | ON | 2008/12/17 15:46 |
| S88 | 1 | S86 and (pressur\$5 psi "p.s.i.") | US-PGPUB | OR | ON | 2008/12/17 16:09 |
| S89 | 1 | "4828651".pn. and (pressur\$5 psi "p.s.i.") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/17 16:10 |
| S90 | 1 | "4828651".pn. and bar\$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/17 16:13 |
| S91 | 1 | "4828651".pn. and nozzle\$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/17 16:20 |
| S92 | 1 | S86 and nozzle | US-PGPUB | OR | ON | 2008/12/17 16:23 |
| S93 | 1 | "20050252528".pn. | US-PGPUB | OR | ON | 2008/12/18 11:01 |
| S94 | 1 | "4828651".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 11:01 |
| S96 | 0 | S94 and coil\$3 same tub\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 11:16 |
| S97 | 1 | "4779554".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 11:16 |
| S98 | 0 | S97 and coil\$3 same tub\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 11:16 |
| S99 | 1 | S93 and coil\$3 same tub\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 11:18 |

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|------|------|--|---|----|----|------------------|
| S100 | 9 | (coker same clean\$4) and (coiled same tubing) | US-PGPUB; USPAT | OR | ON | 2008/12/18 11:19 |
| S101 | 1 | (coker same clean\$4) and (coiled same tubing) | FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 11:21 |
| S102 | 1 | ((coker crude) same clean\$4) and (coiled same tubing) | FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 11:22 |
| S103 | 69 | ((coker crude) same clean\$4) and (coiled same tubing) | US-PGPUB; USPAT | OR | ON | 2008/12/18 11:22 |
| S104 | 101 | coker and (coiled same tubing) | US-PGPUB; USPAT | OR | ON | 2008/12/18 11:26 |
| S105 | 76 | coker and (coiled same tubing) | US-PGPUB | OR | ON | 2008/12/18 11:26 |
| S106 | 25 | coker and (coiled same tubing) | USPAT | OR | ON | 2008/12/18 11:27 |
| S107 | 2 | coker and (coiled same tubing) | FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 11:30 |
| S108 | 2 | coker and (coiled and tubing) | FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 11:30 |
| S109 | 2 | coker and (coiled same tubing) | USOCR | OR | ON | 2008/12/18 11:31 |
| S110 | 7 | "c-fer".as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 11:42 |
| S111 | 0 | S110 and cok\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 11:42 |
| S112 | 0 | S110 and coil\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 11:43 |
| S113 | 2 | coker same landing | US-PGPUB; USPAT | OR | ON | 2008/12/18 11:44 |
| S114 | 0 | S113 and coiled | US-PGPUB; USPAT | OR | ON | 2008/12/18 11:44 |
| S115 | 4026 | (coiled same tubing) and clean\$4 | US-PGPUB; USPAT | OR | ON | 2008/12/18 11:45 |
| S116 | 64 | S115 and coker | US-PGPUB; USPAT | OR | ON | 2008/12/18 11:45 |
| S117 | 2 | S115 and landing | US-PGPUB; USPAT | OR | ON | 2008/12/18 11:45 |
| S118 | 20 | (coiled same tubing) same (clean\$4 same vessel\$1) | US-PGPUB; USPAT | OR | ON | 2008/12/18 11:46 |
| S119 | 5 | coiled and tubing and (clean \$4 wash\$3 rins\$3) and vessel \$1 | FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 11:50 |

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|------|-----|---|---|----|----|---------------------|
| S120 | 0 | ("2005/0252528").URPN. | USPAT | OR | ON | 2008/12/18 11:51 |
| S121 | 561 | (coiled same tubing) and ((clean\$4 wash\$3 rins\$3) same (vessel\$1 tank\$1 coker \$1 coking)) | US-PGPUB; USPAT | OR | ON | 2008/12/18 11:54 |
| S122 | 356 | S121 and (coiled adj tubing) | US-PGPUB; USPAT | OR | ON | 2008/12/18 11:54 |
| S123 | 62 | S122 and ((coiled same tubing) same ((clean\$4 wash \$3 rins\$3) same (vessel\$1 tank\$1 coker\$1 coking))) | US-PGPUB; USPAT | OR | ON | 2008/12/18 11:55 |
| S124 | 12 | (coiled and tubing) and (clean \$4 wash\$3 rins\$3) and (vessel \$1 tank\$1 coker\$1 coking) | FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 12:18 |
| S125 | 57 | (coiled same tubing) same ((clean cleaning wash washing rinse rinsing) same (vessel tank coker coking)) | USOCR | OR | ON | 2008/12/18 12:19 |
| S126 | 2 | ((("RICHARDS, DAN" "WHITLOCK, DAVID" "FITZMAURICE, BRIAN" "BRONSON, MIKE").in. or ceda.as.) and (coiled same tubing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/12/18 12:23 |
| S127 | 90 | (coiled same tubing) and "134".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 12:25 |
| S128 | 17 | (coiled same tubing) and "134".clas. | US-PGPUB | OR | ON | 2008/12/18 12:25 |
| S129 | 53 | (coiled same tubing) and "134".clas. | USPAT | OR | ON | 2008/12/18 12:26 |
| S130 | 20 | (coiled same tubing) and "134".clas. | USOCR | OR | ON | 2008/12/18 12:29 |
| S131 | 50 | (coiled same tubing) and "15".clas. | USOCR | OR | ON | 2008/12/18 12:31 |
| S132 | 8 | (coiled same tubing) and "15".clas. | US-PGPUB | OR | ON | 2008/12/18 12:32 |
| S133 | 24 | (coiled same tubing) and "15".clas. | USPAT | OR | ON | 2008/12/18 12:33 |
| S134 | 8 | ("20020046833" "3645452" "3920537" "4799554" "4828651" "5036871" "5286154" "6513462").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 12:54 |
| S135 | 2 | S134 and (coil\$3 same tub \$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/18 12:55 |

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